

1

SEQUENCE LISTING

<110> ZOEGENE Corporatin

<120> Method for producing cell extract for cell-free protein synthesis

<130> A5004-C5044

<150> JP2004-57373

<151> 2004-03-02

<160> 14

<170> PatentIn version 3.1

<210> 1

<211> 98

<212> DNA

<213> Artificial

<220>

<223> synthetic

<400> 1

gccggccgat ttaggtgaca ctatagaaca tcaacatctt acattttaca ttataatttt 60

cactctctat ttttttttac attaacaaca tttttagg 98

<210> 2

<211> 89

<212> DNA

<213> Artificial

<220>

<223> synthetic

<400> 2

atgcatcatc atcatcatca tcatcatcat catagcagcg gccatctgga agttctgttc 60

cagggcccta tggggaatgg gatgaacaa 89

<210> 3

<211> 36

<212> DNA

<213> Artificial

&lt;220&gt;

&lt;223&gt; synthetic

&lt;400&gt; 3

ggcctttttg gcctcattct gcatcctgca aagggc

36

&lt;210&gt; 4

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; synthetic

&lt;400&gt; 4

atggtgagca agggcgagga

20

&lt;210&gt; 5

&lt;211&gt; 33

&lt;212&gt; DNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; synthetic

&lt;400&gt; 5

ggcctttttg gccttacttg tacagctcgt cca

33

&lt;210&gt; 6

&lt;211&gt; 1731

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 6

atgaggcacc aggggaagat ccccgaggag ctttcactag atgacagagc gaggaccag 60

aagaagtggg ggagggggaa atgggagcca gaaccagta gcaagcccc cagggaagcc 120

actctggaag agaggcacgc aaggggagag aagcatcttg gggtgagat tgaaaagacc 180

tcgggtgaaa ttatcagatg cgagaagtgc aagagagaga gggagctcca gcagagcctg 240

gagcgtgaga ggctttctct ggggaccagt gagctggata tggggaaggc cccaatgtat 300

gatgtggaga agctggtgag gaccagaagc tgcaggaggt ctcccaggc aaatcctgca 360

agtggggagg aaggggtggaa ggggtgacagc cacaggagca gccccaggaa tcccactcaa 420  
 gagctgagga gaccagcaa gagcatggac aagaagagg acagaggccc agaggatcaa 480  
 gaaagccatg ctcagggagc agccaaggcc aagaaggacc ttgtggaagt ttttcctgtc 540  
 acagaggagg ggctgaggga ggtgaagaag gacaccaggc ccatgagcag gagcaaacaat 600  
 ggtggctggc tcctgagaga gcaccaggcg ggctttgaga agctccgag gaccgagga 660  
 gaagagaagg aggcagagaa ggagaaaaag ccatgtatgt ctggaggcag aaggatgact 720  
 ctgagagatg accaacctgc aaagctagaa aaggagccca agacgaggcc agaagagaac 780  
 aagccagagc ggcccagcgg tcggaagcca cggcccatgg gcatcattgc cgccaatgtg 840  
 gaaaagcatt atgagactgg cggggtcatt ggggatggga actttgctgt cgtgaaggag 900  
 tgcagacacc gcgagaccag gcaggcctat gcgatgaaga tcattgaca gtccagactc 960  
 aagggaagg aggacatggt ggacagtgag atcttgatca tccagagcct ctctcacc 1020  
 aacatcgtga aattgcatga agtctacga acagacatgg aaatctacct gatcctggag 1080  
 tacgtgcagg gaggagacct ttttgacgcc atcatagaaa gtgtgaagtt cccggagccc 1140  
 gatgtgccc tcatgatcat ggacttatgc aaagccctcg tccacatgca cgacaagagc 1200  
 attgtocacc gggacctcaa gccgaaaac cttttggttc agcgaaatga ggacaaatct 1260  
 actaccttga aattggctga ttttggactt gcaaagcatg tggtagagacc tatatttact 1320  
 gtgtgtggga cccaactta cgtagctccc gaaattcttt ctgagaaagg ttatggactg 1380  
 gaggtggaca tgtgggctgc tggcgtgac ctctatatcc tgctgtgtgg ctttccccc 1440  
 ttccgcagcc ctgagaggga ccaggacgag ctctttaaca tcatccagct gggccacttt 1500  
 gatttctcc ccccttactg ggacaatatc tctgatgctg cttaaagatct ggtgagccgg 1560  
 ttgctggtgg tagaccccaa aaagcgctac acagctcatc aggttcttca gcacccttg 1620  
 atcgaaacag ctggcaagac caatacagtg aaacgacaga agcaggtgtc cccagcagc 1680  
 gaggtgcact tccggagcca gcacaagagg gttgtggagc aggtatcata g 1731

<210> 7  
 <211> 18  
 <212> DNA  
 <213> Artificial

<220>  
 <223> synthetic

<400> 7  
 atgaggcacc aggggaag 18

<210> 8  
 <211> 64  
 <212> DNA  
 <213> Artificial

<220>  
 <223> synthetic

<400> 8  
 ggccattaag gcctcaatgg tgatggtgat ggtgatggtg atggtgatac ctgctocaca 60  
 accc 64

<210> 9  
 <211> 2121  
 <212> DNA  
 <213> Homo sapiens

<400> 9  
 atggaggaca ggaaggagct cttaacggaa atcccggttg cggaattat aaagaagaac 60  
 ggagagaagt acattacgga gctggacgag accaagacca agatcgtgga ccgtatcgc 120  
 gttgggaagc agatcgga caaggtggtt gcgatttgt atgagctgac gagcattcgg 180  
 acggggaaga agtacgagg caaggtggtg gagaaggcgg gcctgaccaa gcccaagtat 240  
 ctcgagaagt tcatgagcga aatccggatt caccagtcgc tggaccatcc ccacatctgc 300  
 aagatgtaca agcactttga ggataatcgc taccactacc tcattctgga gttgtgttcg 360  
 aacgagacgc tggcgcatct gcttcgcgtc cgggagtgcc tcaccgagcc ggaggtacag 420  
 tactttttgc tgcagatcat cgacgggtg agctacctcc acaagcgtg catcatccac 480

cgcgatctca aattgggcaa catcttctc gacgagaacc tggaggtgaa ggtgggcgac 540  
 ctgggtctcg cggcgagct gaacgagccg aacgagcgca agaagacgat gtgcggcact 600  
 ccgaactaca tcgcaccgga gattttgcag tcgaacgaca agcgcgcta ctctacgag 660  
 gtggacatct gggcggtcgg cgtgatcacc tacacgatgc tgatcgga ggcgcgctc 720  
 gacggcggca gcaaggagat cacctaccgc aagatccgagc agaacgagct gtcctttccc 780  
 atcaaggacc accacatttc ccaccaagcg cgcattgtca tccggtcgat cctcaacccc 840  
 gacccacgc agcgctcac gctggagcag atggtacagc accccttctt caccgactcg 900  
 cccatcgacc cgccaagtc gctgccgctc tacatcctgc gcgagccctt cctcctctcc 960  
 gcgcgcctcc ccaccgagcc cagcccgta ctccagcggg cgcagcgct ccccgccgag 1020  
 gacaccggcg tcggcgaggc caagcgatc cgcattggcg acctccccgc gccgcggctc 1080  
 cctgcgcctg ctactgtgtc ttctcttct cctgcagtgg gtactgtgg tcaggcaaca 1140  
 ggcgaggtag gcggcaacgc gtacacagcg cacctcttc gccgcaggc ggcgagtag 1200  
 gacctggagc gcaatggcg caacaacctg aaccgttct cgtgacggc cgaccgcgcg 1260  
 cgtgagatgg agggccggct ggactacgtg aaccgtcct tccacgacgc gcgcgggctg 1320  
 ctgccgtcg aggtgttga gggcctgcc acgggcatcg tgccctccat caccgtccc 1380  
 cggggacgct tcgaggagaa ggagggctc ccgctgctgc aggcgcacgc agccaatctg 1440  
 tacacggcga tgaacaacc gggactgatg gtgccggcga accacgtaca ggtgactcgc 1500  
 acagcgaact ggatcgtgga cgagtacgac ttacgcgga agtacgggat cgggtacatg 1560  
 ttacgaacg gcaacatcg catctgttc aacgacaaga cctccatcgt gctgtcggcg 1620  
 gacggcatgt tcttcgagta ccaccacgc atctcgatca cgcagtggaa cgccaagcag 1680  
 acgttccgc cgtcgggtgc gggtagcatc gacgattacc ccgacgagct ggcaagaag 1740  
 atcacgtga tcaagtactt ccgcaccaat ttccgagatc gtgcggagaa ccgcatgctg 1800  
 tcgaaggagg aggtggagga cagggcgcg ggcgggccga aggtgaacat gccgttcgcg 1860  
 ctgaagtggc tgaagaagga ggacgcgtc atctgcatgc tgagcacggg cgccattcag 1920

gtgcgctacg atggaggcac catcctgaac ttggagagtc cgttcgacga cgtgacgtat 1980  
 ttggacaagt acggtgtcgt gaccgccatg ccgctggcga gggccatctc gctcaagaga 2040  
 gacgatctca tgcggcgctt ggactacgtg gagagcaaca tccaggacat cgtgacgcac 2100  
 ctcagcaagg cccatcatta a 2121

<210> 10  
 <211> 19  
 <212> DNA  
 <213> Artificial

<220>  
 <223> synthetic

<400> 10  
 atggaggaca ggaaggagc 19

<210> 11  
 <211> 65  
 <212> DNA  
 <213> Artificial

<220>  
 <223> synthetic

<400> 11  
 ggccattaag gcctcaatgg tgatggtgat ggtgatggtg atggtgatga tgggccttgc 60  
 tgagg 65

<210> 12  
 <211> 657  
 <212> DNA  
 <213> Schistosoma japonicum

<400> 12  
 atgtccccta tactaggtta ttggaaaatt aagggccttg tgcaaccac togacttctt 60  
 ttggaatatc ttgaagaaaa atatgaagag catttgtatg agcgcgatga aggtgataaa 120  
 tggcgaaaca aaaagtttga attgggtttg gagtttccca atcttcctta ttatattgat 180  
 ggtgatgtta aattaacaca gtctatggcc atcatacgtt atatagctga caagcacaac 240

atgttgggtg gttgtccaaa agagcgtgca gagatttcaa tgcttgaagg agcggttttg 300  
 gatattagat acggtgtttc gagaattgca tatagtaaag actttgaaac tctcaaagtt 360  
 gattttcitta gcaagctacc tgaaatgctg aaaatgttcg aagatcgttt atgtcataaa 420  
 acatatitaa atggtgatca tgtaacccat cctgacttca tgttgatga cgctcttgat 480  
 gttgttttat acatggaccc aatgtgcctg gatgcgttcc caaaattagt ttgttttaaa 540  
 aaacgtattg aagctatccc acaaattgat aagtacttga aatccagcaa gtatatagca 600  
 tggcctttgc agggctggca agccacgttt ggtggtggcg accatcctcc aaaataa 657

<210> 13  
 <211> 27  
 <212> DNA  
 <213> Artificial

<220>  
 <223> synthetic

<400> 13  
 atgtccccta tactaggta ttggaaa 27

<210> 14  
 <211> 39  
 <212> DNA  
 <213> Artificial

<220>  
 <223> synthetic

<400> 14  
 tcctcgccct tgctcaccat ttttgagga tggtcgcca 39